

Research student supervision

In the list below* indicates that I was the major or sole supervisor. The hyperlinks for some theses will allow downloads from the University of Nottingham or University of Birmingham e depository. Otherwise hard copies can be obtained from the respective University libraries.

C. Robinson*	1984	1987	PhD	The effect of atmospheric turbulence on trains.
N. Brockie*	1985	1988	PhD	The aerodynamic drag of high speed trains
H. Jones	1986	1990	PhD	Permeability characteristics of compact unbound aggregate
S. Coleman*	1987	1990	PhD	The aerodynamics of ground vehicles in cross winds**
S. Wakes	1987	1991	PhD	The development of a sand wave
H. Roodbaraky*	1989	1994	PhD	The dynamics and aerodynamics of deciduous urban trees http://eprints.nottingham.ac.uk/13464/
C. Williams*	1991	1995	PhD	A empirical model for predicting wind loads on building roofs
D. King*	1991	1994	PhD	Wind wave interaction in the surf zone
N. Humphreys*	1989	1995	PhD	High cross wind gust loads on ground vehicles from moving model Experiments http://eprints.nottingham.ac.uk/11923/
A. Quinn*	1992	1996	PhD	The ventilation of a chick transport vehicle
A. Benson*	1992	1997	PhD	The horseshoe vortex in supercritical flow
G. Easom *	1995	1996	MRes	Revision of the British Rail wind loading code of practice
M. Straw*	1995	1996	MRes	Modelling the dispersion of natural gas within the urban Environment**
G. Chaplin*	1993	1997	PhD	Predicting ventilation in gust driven flows
J. Griffin	1993	1998	PhD	Understanding and assessing lodging risk in winter wheat http://eprints.nottingham.ac.uk/13410/
S. Saunderson	1993	1997	PhD	The aerodynamic behaviour of trees in high winds
D. Hargreaves*	1994	1997	PhD	Analytical and experimental studies of vehicle pollution dispersion http://eprints.nottingham.ac.uk/10194/
Z. Hider	1994	1998	PhD	Modelling solute and particulate pollution dispersion from road vehicles
P. Berry	1994	1998	PhD	Predicting lodging in winter wheat http://eprints.nottingham.ac.uk/13494/
T. Prevezer*	1995	1998	PhD	Wind pressure fluctuations on a low-rise building
M. Straw*	1996	1999	PhD	Computation and measurement of wind induced ventilation http://eprints.nottingham.ac.uk/10110/
K. Richards	1998	2003	PhD	Computational modelling of pollution dispersion in the near wake of a vehicle http://eprints.nottingham.ac.uk/10108/
S. Kho*	1999	2003	PhD	Wind loading on structures
T. Huggins	2000	2004	PhD	An investigation into the resuspension of road dust as a source of urban air pollution**
X. Ding*	2004	2007	PhD	Unsteady cross wind effects on trains
S. Jordan*	2004	2008	PhD	An investigation of the slipstreams and wakes of trains and the associated effects on trackside people and objects**
A. McConville	2004	2008	PhD	The physical simulation of thunderstorm downbursts**
V. Duranona	2004	2016	PhD	Extreme wind climate of Uruguay (joint supervision with University of Uruguay)**
P. Martinez	2005	2006	PhD	The use of pattern recognition to analyse the dynamics of high rise buildings (joint supervision with University of Mexico)
N. Perez-Solero*	2006	2012	PhD	Measurement and analysis of slipstreams for passenger trains http://etheses.bham.ac.uk/3790/
K. Dobney*	2006	2010	PhD	Quantifying the effects of an increasingly warmer climate with a view to improving the resilience of Great Britain's railway network: Is a new stressing regime the answer? http://etheses.bham.ac.uk/1273/

N. Maphosa	2007	2008	MPhil	Investigating the effect of urban turbulence on the performance of small wind turbines
M. Anyala	2007	2011	PhD	Investigation of the impact of climate change on road Maintenance http://etheses.bham.ac.uk/2815/
C. Tomlinson	2008	2013	PhD	Incorporation of urban heat in risk assessment: a health perspective. http://etheses.bham.ac.uk/3856/
Y Chen	2008	2013	PhD	Improving Rail Safety Risk Assessment study http://etheses.bham.ac.uk/4465/
Tim Gilbert*	2010	2014	PhD	Aerodynamic effect of high speed trains in confined spaces http://etheses.bham.ac.uk/4748/
E Yau	2010	2013	MPhil	Numerical modelling of the interaction between oat plants and realistic wind loading http://etheses.bham.ac.uk/4683/
D Soper*	2011	2014	PhD	The aerodynamics of a container freight train http://etheses.bham.ac.uk/5325/
D Giercak	2011	2014	MRes	Methods for assessing the safety of railway bridges after floods**
D Flynn	2011	2015	PhD	A numerical investigation of the effect of crosswinds on the slipstream of a model-scale freight train and associated effects. http://etheses.bham.ac.uk/6327/
M Gallagher*	2012	2017	PhD	Experimental investigation of the aerodynamics of a class 43 high speed train http://etheses.bham.ac.uk/7269/
J Morden	2012	2017	PhD	A numerical investigation of the effects of crosswinds upon the aerodynamic characteristics of a high-speed passenger train and its slipstream. http://etheses.bham.ac.uk/7188/
I Obazele*	2014	2019	PhD	Effect of climate change on traffic congestion
A Hickman*	2015	2018	PhD	Air pollution at transport interchanges
F Bourriez	2015	2019	PhD	Debris flight in tornadoes
P Illiadis	2015	2019	PhD	Freight train aerodynamics
M Mohammadi	2016	2019	PhD	Lodging of oats